



## Flame Effects Plan Information Sheet Based on NFPA 160



Hamilton Fire Department requires a full and complete Flame Effects Plan Information Package to be submitted for review prior to any use of flame effects or acts within the City of Hamilton.

The following is a list of documents and information that is required to be included in **all** submissions of Flame Effects Plan Information Packages:

- Location of production, show or event
- Date and time of production, show or event
- Name of Person, group or organization responsible for the production
- Flame Effect Classification (Group I through VII), all that apply
- Company name
- Sponsoring Organization and address
- Comprehensive site plan includes:
  - A narrative description of the flame effect
  - The location of flame effect devices to be fired and their controls and sequence
  - The area affected by the flame effect device
  - The location of the audience
  - The fuels used and their estimated consumption
  - Air for combustion and ventilation for indoor effects
  - Flammable material piping
  - Storage and holding areas and their capacities
  - Supplemental fire protection features (includes line-of-sight to devices, extinguishers, safety meeting, and emergency shutdown method)
  - Emergency response procedures
  - Means of egress
- A current material safety data sheet (MSDA) for the materials (fuels) consumed in the flame effect.
- Documentation that the combustible materials used for the construction of the flame effects have been rendered flame retardant
- Name of the effect operator
- Letter of consent from building or property owner
- Proof of Insurance – Insurer name, policy #, amount of liability coverage (\$5,000,000 min.)
- Disconnection of smoke detectors etc. and alternate plans if necessary
- Traffic control plans (if applicable)
- Hamilton Police approval if necessary (road closures)
- Notify TSSA (fax) re: propane use

**Note: For effects that involve the use of compressed gas or liquid flame generators (e.g. propane flame bars, flame breathing dragon etc.) contact Technical Standards & Safety Authority (TSSA) and obtain approval for the use of the devices. TSSA can be contacted at 1-877-682-8772.**

## **Test Firing**

In unique situations Hamilton Fire Department may require a test firing of devices.

**Note:** Once approved, no changes/additions/substitutions/modifications of flame effects are permitted without written notification and associated details being forwarded to this Department. In addition this Department is to be notified in writing of **any** changes or modifications to any information originally provided to this Department.

For additional information or clarification call (905) 546-2424 ext. 1380.